

# Recombinant Full Length Escherichia Coli O6:K15:H31 Potassium-Transporting Atpase C Chain(Kdpc) Protein, His-Tagged

**Cat. No.** RFL13606EF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Full Length Escherichia coli O6:K15:H31 Potassium-transporting ATPase C chain(kdpC) Protein (Q0TJZ0) (1-190aa), fused to N-terminal His tag, was expressed in E. coli.                            |
| <b>Species</b>          | E.coli  |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Full Length (1-190)   |
| <b>Form</b>             | Lyophilized powder  |
| <b>AA Sequence</b>      | MRGLRPALSTFLFLLITGGVYPLLTTALGQWWFPWQANGSLIREGDTVIRGSALIGQ<br>NFT GNGYFHGRPSATAEMPYNPQASGGSNLAVSNPELDKQIAARVAALRAANPDA<br>STNVPVEL VTASASGLDNNITPQAAAWQIPRVAKARNLSVEQLTQLIAKYSQQPLVK<br>YIGQPVVNIVE LNLALDKLDE |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.   |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid   |

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repeated freeze-thaw cycles.

**Storage Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**GENE INFORMATION****Gene Name**

kdpC

**Synonyms**

kdpC; ECP\_0715; Potassium-transporting ATPase KdpC subunit; ATP phosphohydrolase [potassium-transporting] C chain; Potassium-binding and translocating subunit C; Potassium-translocating ATPase C chain

**UniProt ID**

[Q0TJZ0](#)

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